

ATK Z1 Pro (71018)

ATK Wireless Gaming Mouse Z1 Pro White - User Manual

Model: Z1 Pro (71018)

PRODUCT OVERVIEW

The ATK Blazing Sky Z1 Pro is an ultra-lightweight wireless gaming mouse designed for right-handed users, featuring an ergonomic shape. It supports an 8000Hz polling rate for both wired and 2.4Ghz wireless connections, ensuring ultra-low latency. The mouse is equipped with a 250mAh battery, providing up to 80 hours of continuous usage at 1000 Hz polling rate, and weighs approximately 53 grams.



Top view of the ATK Z1 Pro White gaming mouse, showing the scroll wheel and main click buttons.



Side view of the ATK Z1 Pro White gaming mouse, highlighting the two programmable side buttons and the ATK logo.



Back view of the ATK Z1 Pro White gaming mouse, showing the ergonomic curve.



Front view of the ATK Z1 Pro White gaming mouse, showing the USB-C port for charging and wired connection.

PACKAGE CONTENTS

The ATK Wireless Gaming Mouse Z1 Pro White package includes:

- ATK Wireless Gaming Mouse Z1 Pro White
- ATK 8K Dongle
- USB-C to USB-A Cable (for charging and wired connection)
- User Manual (this document)
- 1 x 9V Battery (pre-installed or included)

SETUP GUIDE

1. Charging the Mouse

Before first use, it is recommended to fully charge the mouse. Connect the provided USB-C cable to the mouse's front port and the other end to a USB-A port on your computer or a USB power adapter. The mouse features a 250mAh battery.

2. Connecting Wirelessly (2.4Ghz)

1. Insert the ATK 8K Dongle into an available USB port on your computer.
2. Turn on the mouse using the power switch located on the bottom of the mouse.
3. The mouse should automatically connect to the dongle. If not, press the pairing button (if available, refer to the bottom of the mouse for specific button layout) to initiate pairing mode.



3. Connecting Wired

Connect the USB-C cable from the mouse to a USB-A port on your computer. The mouse will function in wired mode and charge simultaneously. Wired connection supports an 8000Hz polling rate.

OPERATING INSTRUCTIONS

Mouse Buttons and Functions

- **Left Click Button:** Primary action. Features an Omron optical switch for 3x faster response and 70 million click durability.
- **Right Click Button:** Secondary action.
- **Scroll Wheel:** Scroll up/down, middle click.
- **Side Buttons (Forward/Backward):** Default navigation. These can often be customized via software.
- **DPI Button:** (If present, typically on the bottom or top) Cycles through DPI settings. The PAW3950 sensor supports up to 30,000 DPI (overclockable to 36,000 DPI).



Illustration of the Omron optical switch, providing high durability and fast response.

Polling Rate and Performance

The ATK Z1 Pro supports an 8000Hz polling rate in both wired and 2.4Ghz wireless modes. This high polling rate ensures minimal delay between mouse movement and on-screen action. The mouse is equipped with a high-performance Nordic 52840 chip, combined with Smartspeed Wireless Gen-2 and ATK ApexShark firmware, achieving a click response rate of less than 0.4ms.



The Nordic 52840 chip, central to the mouse's high-performance wireless capabilities.

Lift-Off Distance (LOD) Adjustment

The PAW3950 sensor allows for adjustable Lift-Off Distance (LOD) settings of 0.7mm, 1.0mm, and 2.0mm. This setting can typically be adjusted via the mouse's companion software (if available) or a combination of button presses. Refer to the official ATK website for software downloads and detailed instructions.

MAINTENANCE

Cleaning

- Use a soft, dry cloth to wipe the surface of the mouse.
- For stubborn dirt, slightly dampen the cloth with water or a mild cleaning solution. Avoid harsh chemicals.
- Clean the optical sensor on the bottom of the mouse periodically with a cotton swab to ensure accurate tracking.

Battery Care

- Avoid exposing the mouse to extreme temperatures.
- If storing the mouse for an extended period, ensure it is partially charged (around 50%) and turn off the power.
- The mouse uses a 250mAh battery. If replacement is needed, contact ATK support.

TROUBLESHOOTING

Problem	Possible Cause / Solution
Mouse not responding (Wireless)	Check if the mouse is turned on. Ensure the 8K dongle is securely plugged into a USB port. Recharge the mouse battery. Try re-pairing the mouse with the dongle (refer to Setup Guide). Try a different USB port.
Mouse not responding (Wired)	Ensure the USB-C cable is securely connected to both the mouse and the computer. Try a different USB port on your computer. Try a different USB-C cable if available.
Erratic cursor movement	Clean the optical sensor on the bottom of the mouse. Ensure you are using the mouse on a suitable surface (non-reflective, uniform color). Check for interference from other wireless devices.
Battery life is shorter than expected	High polling rates (e.g., 8000Hz) consume more power. Consider reducing polling rate if extended battery life is prioritized. Ensure the mouse is fully charged. Close any unnecessary background applications that might be affecting mouse performance.

SPECIFICATIONS

Feature	Detail
Brand	ATK
Model Series	Z1 Pro

Feature	Detail
Item Model Number	71018
Connectivity	USB, 2.4Ghz Wireless
Movement Detection Technology	Optical (PAW3950 Sensor)
Max DPI	30,000 DPI (Overclockable to 36,000 DPI)
Max IPS	750 IPS
Max Acceleration	50G
Polling Rate	Up to 8000Hz (Wired & Wireless with 8K Dongle)
Switch Type	Omron Optical Switch
Switch Durability	70 Million Clicks
Click Response Speed	Less than 0.4ms
Chipset	Nordic 52840
Battery Type	250mAh (Rechargeable)
Battery Life	Up to 80 hours (at 1000 Hz)
Weight	53g (approx.)
Ergonomics	Asymmetric Right-Handed
Lift-Off Distance (LOD)	0.7mm / 1.0mm / 2.0mm
Hardware Platform	PC
Operating System	Windows
Colour	White

WARRANTY AND SUPPORT

This ATK Wireless Gaming Mouse Z1 Pro White is covered by a Domestic Genuine Product Co., Ltd. Gate Warranty. For warranty claims, technical support, or service inquiries, please contact ATK customer support through their official website or the retailer where the product was purchased.

Please retain your proof of purchase for warranty validation.